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ABSTRACT AP3 Rec'd PCT/PTO 05 JUN 2006

Lower leg protective apparel, in particular protective socks, against chemical and/or biological noxiants composed of a plurality of plies, comprising an outside leg part (1) and, disposed in the interior of the outside leg part (1), a laminate (2) which comprises a flexible, windproof and water-rejecting membrane (7) which forms the outer surface of the laminate (2) and which forms at least a barrier to biological noxiants, a carbon layer (8) which is disposed underneath the membrane (7) and which comprises carbon in fibrous or particulate form, and an inner textile ply (9) which is characterized in that the outside leg part (1) is fabricated from a plurality of cuts (4, 5, 6) and in that the seams of the laminate (2) disposed in the interior of the outer leg part (1) are sealed off by a waterproof material.